

Converting Colors

XYZ(82.1911, 85.1936, 92.8411)

Have a look what the booklet for
XYZ(82.1911, 85.1936, 92.8411)
contains.

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Color

**XYZ(82.0460, 85.0412,
92.9792)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ECEE
RGB	242, 236, 238
RGB Percent	95%, 93%, 93%
CMY	0.0510, 0.0745, 0.0667
CMYK	0.00, 0.02, 0.02, 0.05
HSL	340°, 19%, 94%
HSV	340°, 2%, 95%
XYZ	82.0460, 85.0412, 92.9792
YIQ	238.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

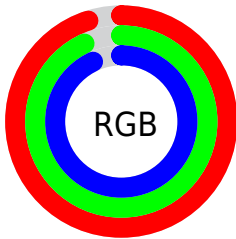
Format	Color
R _Y B	242, 236, 238
Decimal	15920366
CIE Lab	93.90, 2.37, -0.26
CIE LCh	94, 2.380, 353.693
Yxy	85.0412, 0.3155, 0.3270
Android (android.graphics.Color)	4294110446 (0xFF F2 E C E E)
YUV	238.0220, -0.0108, 3.4887
Hunter-Lab	92.2178, -2.5700, 4.7729

Details

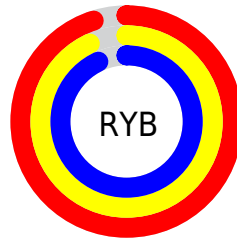
The XYZ color **82.0460, 85.0412, 92.9792** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0756, 87.6306, 95.0310**, and the grayscale version is **81.2856, 85.5188, 93.1300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0145, 46.4590, 50.8509** is the 20% darker color. If you saturate the color by 10%, you get **73.2790, 71.1336, 78.8749**, and if you desaturate by 10%, it is **90.2912, 97.5626, 107.9612**.

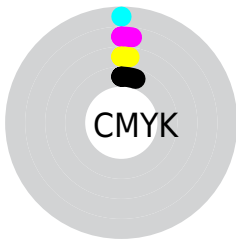
Distribution



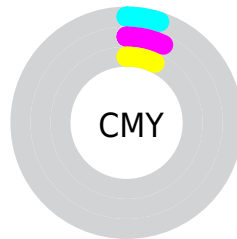
- Red (95%)
- Green (93%)
- Blue (93%)



- Red (95%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0460, 85.0412, 92.9792 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.0460, 85.0412, 92.9792 by changing the saturation by 10% instead.

82.0460, 85.0412,
92.9792

82.0460, 85.0412,
92.9792

490.4337,
511.7644, 558.4934

61.7177, 63.8754,
69.8666

135.1740,
140.4307, 153.4413

45.0594, 46.5498,
50.9417

168.7044,
175.4233, 191.6279

31.7057, 32.6799,
35.7858

207.3662,
215.7936, 235.6762

21.2912, 21.8813,
23.9804

251.5247,
261.9259, 286.0049

13.4507, 13.7697,
15.1070

301.5454,
314.2048, 343.0324

7.8188, 7.9607,
8.7471

357.7936,

4.0300, 4.0698,

373.0146, 407.1773

4.4820

420.6346,
438.7396, 478.8581

■ 1.7191, 1.7127,
1.8933

■ 0.4682, 0.4318,
0.4885

■ 82.0460, 85.0412,
92.9792

■ 82.0460, 85.0412,
92.9792

■ 73.2790, 71.1336,
78.8749

■ 90.2912, 97.5626,
107.9612

■ 65.6232, 59.1179,
66.1619

■ 90.4284, 97.6175,
108.6837

■ 59.0349, 48.9149,
54.7983

■ 53.4647, 40.4358,
44.7376

■ 48.8595, 33.5840,
35.9308

■ 45.1607, 28.2535,
28.3253

■ 42.3033, 24.3254,
21.8646

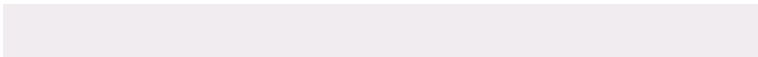
■ 40.2129, 21.6631,
16.4866

■ 38.8007, 20.1018,
12.1219

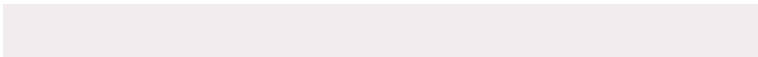
Harmonies

Analogous

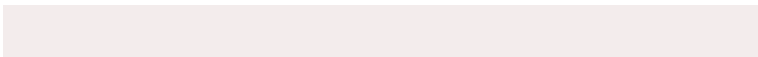
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8148, 85.0412, 94.6766



82.0460, 85.0412, 92.9792



81.9498, 85.0412, 91.2005

Triad

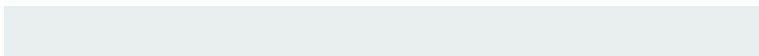
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0460, 85.0412, 92.9792



80.3406, 85.0412, 89.4372



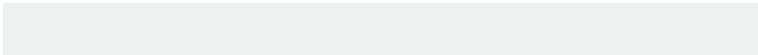
80.1099, 85.0412, 95.4355

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



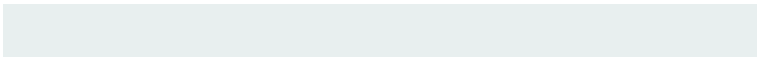
82.0460, 85.0412, 92.9792



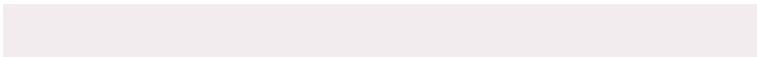
82.0756, 87.6306, 95.0310

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7187, 85.0412, 94.0045



82.0460, 85.0412, 92.9792



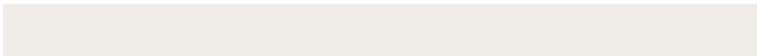
79.8514, 85.0412, 90.5450

Square

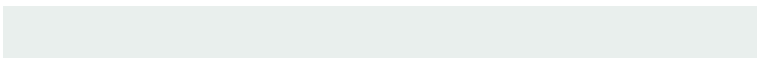
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0460, 85.0412, 92.9792



80.9630, 85.0412, 89.1708



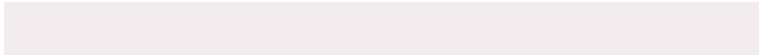
79.6243, 85.0412, 92.2127



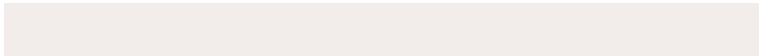
80.6954, 85.0412, 96.1066

Rectangle

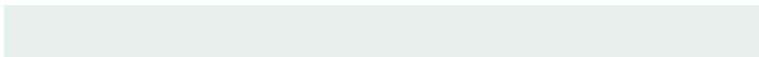
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



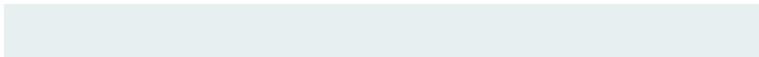
82.0460, 85.0412, 92.9792



81.7131, 85.0412, 90.2062



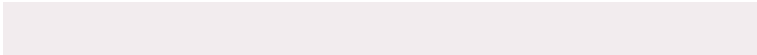
79.6243, 85.0412, 92.2127



79.9515, 85.0412, 95.0265

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.0484, 85.0449, 92.9810



93.9692, 98.2747, 107.1945



81.9605, 84.9309, 96.0791



20.1247, 21.0530, 22.9620



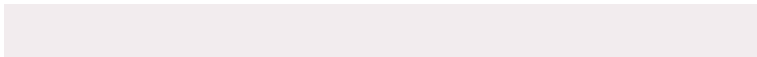
0.0000, 0.0000, 0.0000



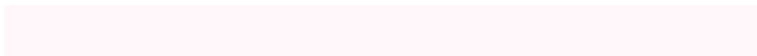
20.3446, 21.4041, 23.3091

Same Dimension

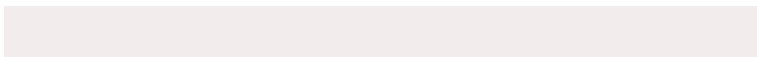
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0484, 85.0449, 92.9810



91.8470, 94.8914, 103.8325



82.0453, 85.5053, 91.5412



17.0525, 17.5328, 19.2079



20.5169, 10.4792, 5.3727



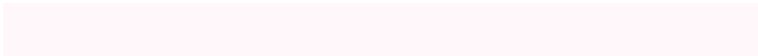
1.7513, 0.8896, 0.6810

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82.0484, 85.0449, 92.9810



91.8470, 94.8914, 103.8325



82.0772, 87.1566, 96.5025



17.0525, 17.5328, 19.2079



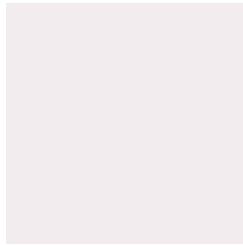
20.5169, 10.4792, 5.3727



1.7513, 0.8896, 0.6810

Previews

White Background



This preview shows how the XYZ color 82.0460, 85.0412, 92.9792 looks on a white background.

Color Contrast Check

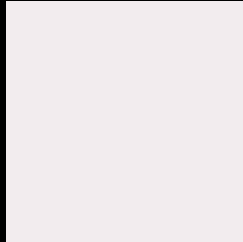
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.0460, 85.0412, 92.9792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

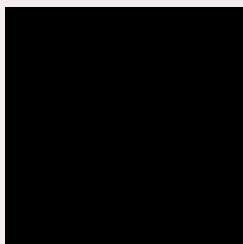
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

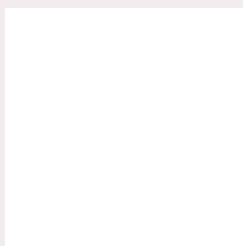
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0460, 85.0412, 92.9792

Background



This preview shows how black text looks on a background with the XYZ color 82.0460, 85.0412, 92.9792.



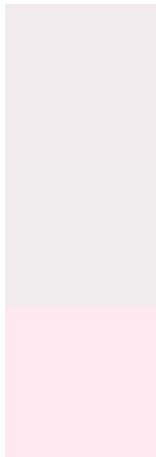
This preview shows how white text looks on a background with the XYZ color 82.0460, 85.0412,

92.9792.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.0460, 85.0412, 92.9792

Protanopia

81.7037, 84.8647, 92.9632

Deuteranopia

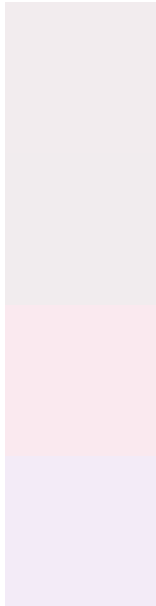
85.6766, 85.2052, 93.5920



Tritanopia

84.3017, 85.1070, 104.0796

Trichromacy



Original Color

82.0460, 85.0412, 92.9792

Protanomaly

81.7037, 84.8647, 92.9632

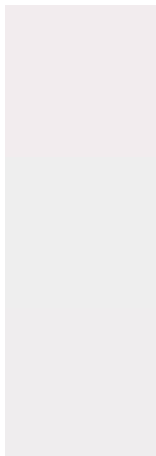
Deuteranomaly

84.1432, 84.8338, 93.6011

Tritanomaly

83.4590, 85.1867, 100.0396

Monochromacy



Original Color

82.0460, 85.0412, 92.9792

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.3134, 85.0921, 93.0277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0460, 85.0412, 92.9792 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(242, 236, 238) looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.0460, 85.0412, 92.9792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 236, 238) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(242, 236, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(242, 236, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0460, 85.0412, 92.9792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
236, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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[Learn more, Memberships starting at \\$2.50/m!](#)

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